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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,227	02/26/2002	Bruce A. Linker	07844-520001	6941

21876 7590 03/09/2005

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EXAMINER

HILLERY, NATHAN

ART UNIT	PAPER NUMBER
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2176

DATE MAILED: 03/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/085,227	LINKER ET AL.	
	Examiner	Art Unit	
	Nathan Hillery	2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 November 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-44 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-44 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>9/23/02</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to communications: Change of Address filed on 11/15/02.
2. Claims 1 – 44 are pending in the case. Claims 1, 16, 23 and 38 are independent.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
4. Claims 13 and 35 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
5. Claim 13 recites the limitation "the list of functions" in line 2. There is insufficient antecedent basis for this limitation in the claim.
6. Claim 35 recites the limitation "the list of functions" in line 3. There is insufficient antecedent basis for this limitation in the claim.
7. Further regarding claims 13 and 35, it should be noted that upon further examination that the Office will interpret that these claims should depend from claims 12 and 34 respectively for the purposes of this examination and compact prosecution.

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 1 – 44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Microsoft (as cited by applicant) and further in view of Screen Shots (MS Word 2000).

10. ***Regarding independent claim 1***, Microsoft teaches that *whenever an item from the preceding list is applied to a paragraph, the information is stored in the paragraph mark (¶) at the end of that paragraph. You can view or hide paragraph marks by clicking the Show/Hide Paragraph button on the Standard toolbar (p 2, Paragraph Formatting), which provide for providing an electronic document including content having a visual composition, the electronic document including one or more markers having locations in the content, the markers not being represented in the visual composition of the content; receiving input specifying one or more locations in the electronic document; in response to the input, detecting the presence of one or more markers associated with one or more locations of the specified locations; and displaying a visual representation of the detected markers*. Microsoft does not explicitly teach *an electronic document...*; however, the Screen Shots further illustrate *providing an electronic document including content having a visual composition, the electronic document including one or more markers having locations in the content, the markers not being represented in the visual composition of the content* [Screen Shot 2]; *and displaying a visual representation of the detected markers* [Screen Shot 1]. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the disclosure of Microsoft with that of the Screen Shots to provide the users of Microsoft Word 2000 with a better understanding of Word's functionality.

11. **Regarding dependent claims 2 – 5**, Microsoft does not explicitly teach *the input specifying...* However, Screen Shot 3 illustrates that *the input specifying one or more locations includes input directing that a cursor be placed at a location in the electronic document*, that *the input specifying one or more locations includes input selecting a portion of the electronic document*, that *the portion of the electronic document comprises a word, sentence, or paragraph in the electronic document*, and that *the detected markers include a plurality of markers having different locations in the selected portion*. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the disclosure of Microsoft with that of the Screen Shots to provide the users of Microsoft Word 2000 with a better understanding of Word's functionality.

12. **Regarding dependent claims 6 – 8**, Microsoft does not explicitly teach *visual representation....* However, Screen Shot 1 illustrates *the visual representation of the detected markers includes one or more graphical elements representing the detected markers, displaying the visual representation of the detected markers includes inserting the graphical elements representing the detected markers into the visual composition of the content at the locations of the detected markers*, and *displaying the visual representation of the detected markers includes separately displaying the graphical elements and the visual composition of the content*. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the disclosure of Microsoft with that of the Screen Shots to provide the users of Microsoft Word 2000 with a better understanding of Word's functionality.

13. **Regarding dependent claim 9**, Microsoft teaches **displaying a visual representation of data or attributes associated with the detected markers** (p 4, first box – Revealing Formats).

14. **Regarding dependent claims 10 and 11**, Microsoft teaches that *Microsoft Word also has tools that help you find and replace or remove specific formatting in your document. To find specific formatting, follow these steps: 1. On the Edit menu, click Find. 2. If you don't see the Format button, click More. To search for text with specific formatting, enter the text in the Find what box. To search for specific formatting only, delete any text in the Find what box. 3. Click Format, and then select the formats that you want. 4. Click Find Next* (p 4, Find and Replace Text and Formatting), which provide for **receiving input navigating the cursor through the location of the detected markers; and in response to the input, displaying a change in a location of a cursor relative to the location of the one or more markers**, and for **hiding the visual representation of the detected markers when the cursor has navigated past the location of the detected markers**.

15. **Regarding dependent claims 12 and 13**, Microsoft teaches that *to run the ListCommands macro 1. On the Tools menu, point to Macro and then click Macros. 2. In the Macros In list, click to select Word Commands. 3. In the Macro name box, type ListCommands. 4. Click Run to run the macro. 5. In the List Commands dialog box, click to select All Word commands, and then click OK* (p 12), which provide for **in response to detecting the presence of one or more markers, displaying a list of functions associated with one or more of the detected markers**, and for **receiving an input**

selecting a function in the list of functions; and processing a marker according to the selected function.

16. ***Regarding dependent claims 14 and 15***, Microsoft teaches that *many users of WordPerfect are more efficient working with keystrokes than with a mouse. You can use the WordPerfect keystrokes while you learn to use Word. This functionality must be installed through the custom installation, after which you can access it when you click WordPerfect Help on the Help menu. The following tables list some Word shortcut keys that will help you to format your documents quickly. These keystrokes are part of the Word functionality, so no installation is required* (p 10, KEYSTROKES FOR FORMATTING CHARACTERS AND PARAGRAPHS), which provide that ***the input directing that a cursor be placed at a location in the electronic document includes input moving a mouse pointer to a location in the electronic document and that the input directing that a cursor be placed at a location in the electronic document includes one or more cursor keystrokes.***

17. ***Regarding independent claim 16***, the claim incorporates substantially similar subject matter as claim 1 and is rejected along the same rationale.

18. ***Regarding dependent claim 17***, the claim incorporates substantially similar subject matter as claim 6 and is rejected along the same rationale.

19. ***Regarding dependent claim 18***, the claim incorporates substantially similar subject matter as claim 7 and is rejected along the same rationale.

20. ***Regarding dependent claim 19***, the claim incorporates substantially similar subject matter as claim 8 and is rejected along the same rationale.

21. ***Regarding dependent claim 20***, the claim incorporates substantially similar subject matter as claim 9 and is rejected along the same rationale.
22. ***Regarding dependent claim 21***, the claim incorporates substantially similar subject matter as claim 10 and is rejected along the same rationale.
23. ***Regarding dependent claim 22***, the claim incorporates substantially similar subject matter as claim 11 and is rejected along the same rationale.
24. ***Regarding independent claim 23***, the claim incorporates substantially similar subject matter as claim 1 and is rejected along the same rationale.
25. ***Regarding dependent claim 24***, the claim incorporates substantially similar subject matter as claim 2 and is rejected along the same rationale.
26. ***Regarding dependent claim 25***, the claim incorporates substantially similar subject matter as claim 3 and is rejected along the same rationale.
27. ***Regarding dependent claim 26***, the claim incorporates substantially similar subject matter as claim 4 and is rejected along the same rationale.
28. ***Regarding dependent claim 27***, the claim incorporates substantially similar subject matter as claim 5 and is rejected along the same rationale.
29. ***Regarding dependent claim 28***, the claim incorporates substantially similar subject matter as claim 6 and is rejected along the same rationale.
30. ***Regarding dependent claim 29***, the claim incorporates substantially similar subject matter as claim 7 and is rejected along the same rationale.
31. ***Regarding dependent claim 30***, the claim incorporates substantially similar subject matter as claim 8 and is rejected along the same rationale.

32. **Regarding dependent claim 31**, the claim incorporates substantially similar subject matter as claim 9 and is rejected along the same rationale.
33. **Regarding dependent claim 32**, the claim incorporates substantially similar subject matter as claim 10 and is rejected along the same rationale.
34. **Regarding dependent claim 33**, the claim incorporates substantially similar subject matter as claim 11 and is rejected along the same rationale.
35. **Regarding dependent claim 34**, the claim incorporates substantially similar subject matter as claim 12 and is rejected along the same rationale.
36. **Regarding dependent claim 35**, the claim incorporates substantially similar subject matter as claim 13 and is rejected along the same rationale.
37. **Regarding dependent claim 36**, the claim incorporates substantially similar subject matter as claim 14 and is rejected along the same rationale.
38. **Regarding dependent claim 37**, the claim incorporates substantially similar subject matter as claim 15 and is rejected along the same rationale.
39. **Regarding independent claim 38**, the claim incorporates substantially similar subject matter as claim 1 and is rejected along the same rationale.
40. **Regarding dependent claim 39**, the claim incorporates substantially similar subject matter as claim 6 and is rejected along the same rationale.
41. **Regarding dependent claim 40**, the claim incorporates substantially similar subject matter as claim 7 and is rejected along the same rationale.
42. **Regarding dependent claim 41**, the claim incorporates substantially similar subject matter as claim 8 and is rejected along the same rationale.

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43. **Regarding dependent claim 42**, the claim incorporates substantially similar subject matter as claim 9 and is rejected along the same rationale.

44. **Regarding dependent claim 43**, the claim incorporates substantially similar subject matter as claim 10 and is rejected along the same rationale.

45. **Regarding dependent claim 44**, the claim incorporates substantially similar subject matter as claim 11 and is rejected along the same rationale.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nathan Hillery whose telephone number is (571) 272-4091. The examiner can normally be reached on M - F, 10:30 a.m. - 7:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on (571) 272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



**SANJIV SHAH
PRIMARY EXAMINER**

